

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION
Assistant Commissioner
for Patents
Washington, D.C. 20231

A
JC678 U.S. PRO
09/394189
09/13/99

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Paul A. Underbrink, et al.
For: DIRECTIONAL ANTENNA FOR HAND-HELD WIRELESS
COMMUNICATIONS DEVICE

Enclosed are:

1 pages of abstract Combined Declaration/
25 pages of specification Power of Attorney
6 pages of claims Assignment
4 pages of formal drawings Other: _____

— Post Office Express Mail Certificate No. EL 431 004 502 US

The filing fee has been calculated as shown below:

<u>For:</u>	<u>No. Filed</u>	<u>No. Extra</u>	<u>Rate</u>	<u>Large Entity Fee</u>
Basic Fee				\$760.00
Total Claims 21 - 20 =		-1-	x \$ 18.	18.00
Indep. Claims 4 - 3 =		-4-	x \$ 78.	78.00
Multiple dependent claims -none-			+ \$260.	0.00
			TOTAL	\$856.00

Our check in the amount of \$856.00 in payment of the filing fee is enclosed.

The Commissioner of Patents and Trademarks is hereby authorized to charge any fee deficiency or to credit any fee overpayment relating to this matter to Deposit Account No. 01-0657. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Christopher J. Rourk
Attorney for Applicant
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Date: 9/13/99

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Attorney Docket
No. B-64418

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Paul A. Underbrink, et al.

Group Art Unit:

Serial No.:

Examiner:

Filed: Herewith

For: DIRECTIONAL ANTENNA FOR HAND-HELD WIRELESS COMMUNICATIONS DEVICE

Box PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAIL BY "EXPRESS MAIL"

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Date of Deposit: September 13, 1999

I hereby certify that the attached patent application including patent application transmittal, 25 pages of specification, 6 pages of claims, 1 page of abstract, 4 pages of formal drawings, Combined Declaration/Power of Attorney and check for \$856.00 referred to as enclosed herewith are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date of deposit indicated above.

Christopher J. Rourk
(Typed Name of Person Depositing
Envelope in Express Mail Facility)

Signature

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